

# 2003 SONY MOBILE PRODUCT GUIDE



## **XM-460GTX** **4/3 Channel Amplifier**

- 600W max power
- 60W x 4 RMS into 4 $\Omega$ , 20Hz - 20kHz @ 0.08% THD
- 60W x 2 + 150W x 1 into 4 $\Omega$  20Hz - 20kHz @ 0.1% THD
- Class A/B
- Rear Variable 50 - 300Hz High Pass/Low Pass Filter
- Front Variable 50 - 300Hz High Pass Filter
- 40Hz EQ Boost
- RCA & Speaker Level Inputs

### **Audio Power Specifications**

#### POWER OUTPUT AND TOTAL HARMONIC DISTORTION

60 watts per channel minimum continuous average power into 4 ohms, both channels driven from 20 Hz to 20 kHz with no more than 0.08% total harmonic distortion per Car Audio Ad Hoc Committee Standards.

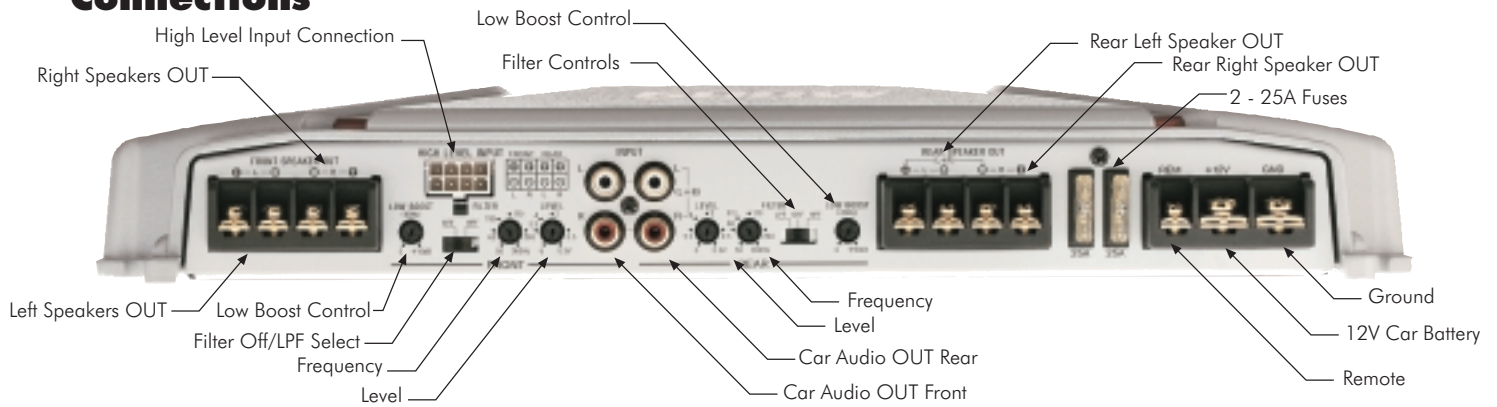
### **Other Specifications**

Circuit system	OTL (output transformerless) circuit
Inputs	Pulse power supply RCA pin jacks High level input connector
Outputs	Speaker terminals
Suitable speaker impedance	2 – 8 $\Omega$ (stereo) 4 – 8 $\Omega$ (when used as a bridging amplifier)
Maximum outputs	Four speakers: 120 W $\times$ 4 (at 4 $\Omega$ ) 150 W $\times$ 4 (at 4 $\Omega$ ) Three speakers: 120 W $\times$ 2 + 300 W $\times$ 1 (at 4 $\Omega$ )
Rated outputs (supply voltage at 14.4 V)	Four speakers: 60 W $\times$ 4 (20 Hz – 20 kHz, 0.08% THD, at 4 $\Omega$ ) 75 W $\times$ 4 (20 Hz – 20 kHz, 0.1% THD, at 2 $\Omega$ ) Three speakers: 60 W $\times$ 2 + 150 W $\times$ 1 (20 Hz – 20 kHz, 0.1% THD, at 4 $\Omega$ )
Frequency response	5 Hz – 50 kHz (+0 dB, -3 dB)
Harmonic distortion	0.005% or less (at 1 kHz)
Input level adjustment range	0.3 – 6.0 V (RCA pin jacks) 1.2 – 12 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 requirements	12 V DC car battery (negative ground)
Power supply voltage	10.5 – 16 V
Current drain	at rated output: 31 A (4 $\Omega$ ) Remote input: 1 mA
Dimensions	Approx. 387 $\times$ 55 $\times$ 260 mm (w/h/d) (15 1/4 $\times$ 2 1/4 $\times$ 10 1/4 in.) not incl. projecting parts and controls
Mass	Approx. 3.9 kg (8 lb. 10 oz.) not incl. accessories
Supplied accessories	Mounting screws (4) High level input cord (1) Protection cap (1)

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### Connections



### Dimensions

Unit: mm (in.)

