

2002 SONY MOBILE PRODUCT GUIDE



XM-1 600GSD
Mono Class D Amplifier

- 1200W Max Power
- 300W x 1 into 4 Ω , 5-300Hz, @ 0.2%THD
- 600W x 1 into 2 Ω , 5-300Hz, @ 0.6%THD
- 1000W x 1 into 1 Ω , 5-300Hz, @ 1.2%THD
- Class D Mono Subwoofer Amplifier
- MOSFET Outputs
- MOSFET Power Supply
- High Current 1 Ω Stability
- Variable 50-300Hz Low Pass Filter
- 40 HZ EQ Boost, RCA Output
- RCA and Speaker Level Inputs
- Indicates step-up

Audio Power Specifications

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

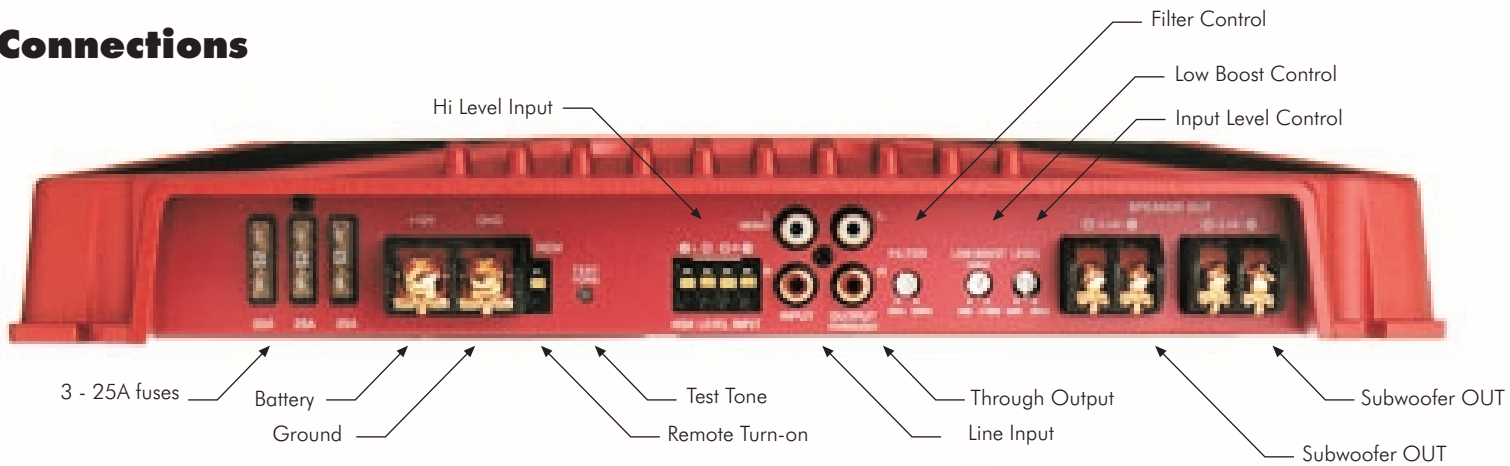
300 watts minimum continuous average power into 4 ohms, 20 Hz to 300 Hz with no more than 0.2% total harmonic distortion per Car Audio Ad Hoc Committee standards.

Other Specifications

Circuit system	OTL (output transformerless) circuit Pulse power supply
Inputs	RCA pin jacks High level input connector
Outputs	Speaker terminals Through out pin jacks
Speaker impedance	1 – 8 Ω
Maximum outputs	600 W (at 4 Ω) 1200 W (at 2 Ω)
Rated outputs (supply voltage at 14.4 V)	300 W (20 Hz – 300 Hz, 0.2% THD, at 4 Ω) 600 W (20 Hz – 300 Hz, 0.6% THD, at 2 Ω) 1000 W (20 Hz – 300 Hz, 1.2% THD, at 1 Ω)
Frequency response	5 Hz – 300 Hz (+0.5 dB, -3 dB)
Harmonic distortion	0.06% or less (at 100 Hz, 4 Ω)
Input level adjustment range	0.2 – 6.0 V (RCA pin jacks) 0.4 – 12.0 V (High level input)
Low-pass filter	50 – 300 Hz, -18 dB/oct
Low boost	0 – 10 dB (40 Hz)
Power supply voltage	10.5 – 16 V
Current drain	at rated output : 40 A (4 Ω) Remote input : 2 mA
Dimensions	Approx. 358 × 50 × 264 mm (w/h/d) 14 1/8 × 2 × 10 1/2 in.) not incl. projecting parts and controls
Mass	Approx. 3.5 kg (7 lb. 11 oz.) not incl. accessories
Supplied accessories	Mounting screws (4)

**XM-1600GSD
Mono Class D Amplifier**

Connections



Dimensions

Unit: mm (in.)

