

- 70W x 4 RMS (20Hz-20kHz, < 1%, 4 Ohm, 14.4V)¹
- This unit has a maximum output power of 150W per channel at 4 Ohm.
- 80W x 4 RMS (20Hz-20kHz, < 1% THD+N, at 2 Ohm, 14.4V)
- This unit has a maximum output power of 175W per channel at 2 Ohm.
- 160 x 2 RMS (20Hz-20kHz, < 1%, 4 Ohm, 14.4V)
- This unit has a maximum output power of 350W per channel when bridged at 4 Ohm.
- Direct connection (High Level Input) can be made with the speaker output of your car audio unit if it is not equipped with RCA line output.
- High Level Sensing power on feature allows the unit to be activated without the need for remote connection.
- Independent variable 12 dB/Oct 50-300Hz HPF (High-Pass Filter) and LPF (Low-Pass Filter) for front and rear channels.
- Independent variable 6-70Hz sub-sonic HPF (High Pass Filter) 12 dB/Oct for both front and rear channels.
- Variable 0-10 dB 40Hz bass boost provides additional bass response at lower frequencies (rear channels only).



XM-ZR704

4/3/2 Channel ZR Series Amplifier

Features

- 70W x 4 RMS (20Hz-20kHz, < 1%, 4 OHM, 14.4V)¹
- This unit has a maximum output power of 150W per channel at 4 Ohm.
- 80W x 4 RMS (20Hz-20kHz, < 1% THD+N, at 2 Ohm, 14.4V)
- This unit has a maximum output power of 175W per channel at 2 Ohm.
- 160 x 2 RMS (20Hz-20kHz, < 1%, 4 OHM, 14.4V)
- This unit has a maximum output power of 350W per channel when bridged at 4 Ohm.
- High Level Input with Sensing Power On Direct connection (High Level Input) can be made with the speaker output of your car audio unit if it is not equipped with RCA line output. High Level Sensing power on feature allows the unit to be activated without the need for remote connection.
- Variable HPF/LPF for front and rear Variable 12 dB/Oct 50-300Hz HPF (High-Pass Filter) and LPF (Low-Pass Filter) for front and rear channels.
- Subsonic Filter Independent variable 12 dB/Oct 6-70Hz subsonic HPF (High Pass Filter) for front and rear channels.
- Bass Boost Variable 0-10 dB 40Hz bass boost provides additional bass response at lower frequencies (rear channels only).

Specifications

Audio Features

Level Control: High Level Input: 6.0 - 12V

Audio

Frequency Response: 10-100kHz (+0/-3 dB)
 Input Level: 0.3 - 6.0V (RCA input)
 1.2 - 12.0V (High Level Input)
 Impedance: 2-8 Ohms Stereo,
 4-8 Ohms Mono
 Noise Level: 100 dBA
 Signal Circuitry: 6-70Hz Variable -12 dB/Octave Subsonic filter
 Harmonic Distortion: 0.05% (1kHz)
 Low Boost: 0-10dB (40Hz)
 Circuit System: OTL Output Transformerless Circuit
 Pulse Power Supply
 Power Supply: OTL Output Transformerless Circuit
 Pulse Power Supply
 Band: Low Pass Filter: 50-300 HZ, -12dB/oct
 High Pass Filter: 50-300 HZ, -12dB/oct

Amplifier Section

Power Ad Hoc: 70W per channel at 4 Ohms from 20Hz-20kHz with < 1% THD¹
 Speaker Impedance: 2-8 Ohm stereo
 4-8 Ohms mono
 Max power output: 700W max power

Speaker

Impedance: 2-8 Ohms in Stereo Mode
 Speaker Terminal Type: Output

Power

Output Power: Maximum Output: 350W x 2 (at 4 Ohms)
 150W x 4 (at 4 Ohms)
 Current Drain: At rated output: 45A (at 2 Ohms) Remote Input: 1 mA
 Rated Output: 70W x 4 (20Hz-20kHz, 1% THD, at 4 Ohms, 14.4V)
 80W x 4 (20Hz-20kHz, 1% THD, at 2 Ohms, 14.4V)
 160W x 2 (20Hz-20kHz, 1% THD, at 4 Ohms, 14.4V)
 Power Requirements: 12V DC Car Battery (Negative Ground)
 Internal Power Supply: OTL Output Transformerless Circuit
 Pulse Power Supply
 Input Voltage: 10.5-16V Power Supply Voltage

Inputs and Outputs

Input(s): RCA Pin Jacks and High Level Speaker Input Connector
 Line Level Input(s): RCA pin jacks
 RCA Audio Input(s): Pin Jacks: 0.3 - 6V
 Output(s): Speaker Terminals
 Audio In: RCA Pin Jacks, High Level Input Connector
 Audio Out: Speaker Terminals

Dimensions

Weight: 6lb 14oz
 Measurements: 16 3/4 x 2 1/4 x 9 7/8"
 (424 x 55 x 248 mm)

Supplied Accessories

Mounting Screws (4)
 High Level Input Cord (1)
 Protection Cap (1)

Color: Gray and Silver
 UPC Code: 027242745124

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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