

## Car Audio Power Amplifiers



**“impressive power that captures the detail as well  
as the drive of a musical performance”**

McIntosh is justifiably famous for their amplifiers. Characterized by ultra-low distortion, extended frequency response and high current output, they are legendary for delivering consistent performance over time. In the hostile environment of a moving vehicle, such virtues are all the more distinctive. Perhaps the best way to demonstrate the unique performance of a McIntosh amplifier is to crank one up! McIntosh amplifiers sound great, never harsh or strained, even at maximum output.

At the heart of all McIntosh amplifiers is their exclusive Power Guard circuitry that prevents the amplifier from being driven into “clipping” and limits distortion to a maximum of 2%. An optical circuit utilizing light beams, Power Guard acts so quickly you’ll never hear it operating and you’ll never hear the harsh distortion caused by amplifier clipping.

Illuminated, peak-responding wattmeters, available on some models, are extremely accurate, responding to 95% of full scale with only one cycle of the 1,000 Hz tone burst. Long a tradition in McIntosh amplifiers, the glowing blue meters combine functionality with unique style.

The same qualities that put McIntosh home audio products in a class by themselves can also be found in every McIntosh car audio product. Those who own a McIntosh car audio system get the best of both worlds, accurate and transparent sound reproduction and crank-it-up performance that beats anything on the road today.

**Exclusive McIntosh Power Assurance System**  
**Power Guard® Clipping Protection**  
**Sentry Monitor® Current Protection**  
**Thermal Protection**  
**DC Failure Protection**  
**Turn-On Delay**  
**Soft Start Inrush Protection**  
**Illuminated Peak-Responding Wattmeters**  
**Ultra-Low Distortion**  
**High Output Current**  
**Temperature Regulated Cooling Fans**  
**Individual Input Level Controls**  
**Glass Top Panel**  
**Subwoofer Line Output**  
**Gold Plated Terminals**

*A Tradition of Excellence*



*For the Consumer's Protection: In order to ensure the highest level of customer satisfaction, "new" McIntosh products may only be purchased over-the-counter or delivered and installed by an Authorized McIntosh Dealer. McIntosh products that are purchased over the Internet, by phone or mail order are presumed to be "used" and do not qualify for any McIntosh Warranty. McIntosh does not warrant, in any way, products that are purchased from anyone who is not an Authorized Dealer or products that have had their serial number altered or defaced.*

Car Audio Power Amplifiers	POWER OUTPUT*	POWER BAND	THD** @4Ω normal mode	HEAD-ROOM	FREQUENCY RESPONSE	INPUT SENS.	A-WTD. S/N	DC INPUT VOLTAGE	CURRENT CONSUMPTION	DIMENSIONS (HxWxD) WEIGHT
 <b>MCC301M</b>	1 ch: 300w (4Ω) or 600w (2Ω)	20Hz to 20kHz	0.005%	1.0dB	20Hz to 20kHz, +0 / -0.25dB 10Hz to 100kHz, +0 / -3.0dB	0.5V to 8V	105dB (1.5V)	12.0V	Idle: 2.5A Rated power: 45A (4Ω), 100A (2Ω)	inch: 3.0 x 12.5 x 13.7 cm: 7.6 x 31.8 x 34.8 14.5 lbs. (6.6 kg)
 <b>MCC302</b>	2 ch: 150w (4Ω) or 300w (2Ω) 1 ch: 600w (4Ω)	20Hz to 20kHz	0.005%	1.0dB	20Hz to 20kHz, +0 / -0.25dB 10Hz to 100kHz, +0 / -3.0dB	0.5V to 8V	105dB (1.5V)	12.0V	Idle: 2.5A Rated power: 50A (4Ω)	inch: 3.0 x 12.5 x 13.7 cm: 7.6 x 31.8 x 34.8 14.5 lbs. (6.6 kg)
 <b>MCC602TM</b>	2 ch: 300w (8/4/2Ω) 1 ch: 600w (4/2/1Ω)	20Hz to 20kHz	0.005%	1.0dB	20Hz to 20kHz, +0 / -0.25dB 10Hz to 100kHz, +0 / -3.0dB	1V to 8V	114dB (2V)	12.0V	Idle: 3.5A Rated power: 100A	inch: 4.2 x 12.5 x 26.9 cm: 10.7 x 31.8 x 68.3 50.5 lbs. (23 kg)
 <b>MCC204</b>	4 ch: 50w (4Ω) or 100w (2Ω) x 4 3 ch: 50w x 2, 200w x 1 (4Ω) 2 ch: 200w x 2 (4Ω)	20Hz to 20kHz	0.005%	1.0dB	20Hz to 20kHz, +0 / -0.25dB 10Hz to 100kHz, +0 / -3.0dB	0.5V to 8V	105dB (1.5V)	12.0V	Idle: 2.5A Rated power: 40A (4Ω)	inch: 3.0 x 12.5 x 13.7 cm: 7.6 x 31.8 x 34.8 14.5 lbs. (6.6 kg)
 <b>MCC404</b>	4 ch: 100w (4Ω) 3 ch: 100w x 2, 400w x 1 (4Ω) 2 ch: 400w x 2 (4Ω)	20Hz to 20kHz	0.005%	1.0dB	20Hz to 20kHz, +0 / -0.25dB 10Hz to 100kHz, +0 / -3.0dB	0.5V to 8V	105dB (1.5V)	12.0V	Idle: 3.5A Rated power: 70A (4Ω)	inch: 3.0 x 12.5 x 18.4 cm: 7.6 x 31.8 x 46.7 20.2 lbs. (9.2 kg)
 <b>MCC404M</b>	4 ch: 100w (4Ω) 3 ch: 100w x 2, 400w x 1 (4Ω) 2 ch: 400w x 2 (4Ω)	20Hz to 20kHz	0.005%	1.0dB	20Hz to 20kHz, +0 / -0.25dB 10Hz to 100kHz, +0 / -3.0dB	0.5V to 8V	105dB (1.5V)	12.0V	Idle: 3.5A Rated power: 70A (4Ω)	inch: 3.0 x 12.5 x 18.4 cm: 7.6 x 31.8 x 46.7 20.2 lbs. (9.2 kg)
 <b>MCC406M</b>	6 ch: 50w x 4, 100w x 2 (4Ω) 5 ch: 50w x 4, 400 w x 1 (4Ω) 4 ch: 200w x 2, 100w x 2 (4Ω) 3 ch: 200w x 2, 400w x 1 (4Ω)	20Hz to 20kHz	0.005%	1.0dB	20Hz to 20kHz, +0 / -0.25dB 10Hz to 100kHz, +0 / -3.0dB	0.5V to 8V	105dB (1.5V)	12.0V	Idle: 3.5A Rated power: 70A (4Ω)	inch: 3.0 x 12.5 x 18.4 cm: 7.6 x 31.8 x 46.7 20.5 lbs. (9.3 kg)

\* Power Output: Minimum sine wave continuous average power output per channel from 20Hz to 20kHz with all channels operating.

\*\* Total Harmonic Distortion: 0.005% maximum at any level from 250 milliwatts to rated power output.