

harman/kardon

CA205 / CA240

HIGH FIDELITY CAR AMPLIFIERS

High quality amplification, once the strict province of home audio, is now ready for the road—thanks to Harman Kardon's two new amplifiers, the high powered CA240 and the smaller, lower powered CA205. These latest offerings from Harman Kardon, a leading innovator of quality home audio equipment for more than three decades, are redefining automotive high fidelity.

CA240

The CA240 car amplifier is rated at 40 Watts per channel into 4 Ohms, 60 Watts per channel into 2 Ohms and 120 Watts when bridged-

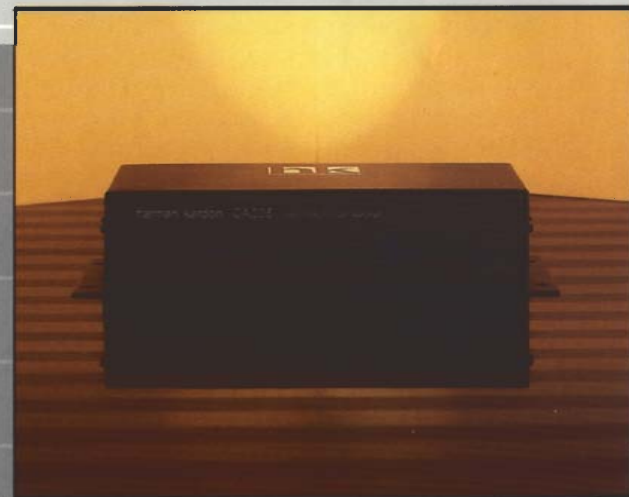
mono into 4 Ohms. It has 22 amps of High instantaneous Current Capability (HCC), which allows it to supply speakers with needed levels of current for maximum transient response and a wide dynamic range. To provide this high performance, the CA240 employs 4-80 Watt power transistors per channel, a sophisticated switching power supply with over 13,000 μ F of capacitance and a large aluminum extruded heatsink/chassis.

CA205

The CA205 fills a long-standing gap in the car audio market by offering the consumer a state-

of-the-art alternative to units with built-in amplifiers. Such in-dash devices are usually incapable of true high fidelity performance due to inherent high distortion levels and limited high frequency response.

The CA205 is designed for rugged reliability and convenience and is compact enough to fit under the seat or inside the glove compartment of any car. The CA205 is rated at 3.5 Watts per channel into 4 Ohms with only 0.2% THD, has 5 amps of HCC and employs 2 15-Watt power transistors per channel and is housed in a high grade aluminium chassis. Its input sensitivity is .25 Volts for compatibility with nearly all in-dash units.



PROTECTION CIRCUITRY

The CA205 and the CA240 have protection which is supplied by their sophisticated circuitry that temporarily mutes the audio signal when a short in the speaker connections is detected. They will reset themselves for normal operation when the short is corrected.

The CA240 has an additional thermal protection system that will shut off the amplifier before damage from environmental overheating can occur.

DESIGN CHARACTERISTICS

In addition to HCC, the CA205 and CA240 both incorporate Low Negative Feedback of only 25dB and Ultrawidebandwidth of 10Hz-100kHz for reduced dynamic distortions. The signal-to-noise ratio for the CA240 is 72dB and 90dB for the CA205. Both amplifiers incorporate Harman Kardon's unique application of fully discrete circuitry for unsurpassed reliability and sonic performance that compares favorably to most quality home audio systems.

They are as rugged and dependable as they are sonically accurate. They are designed to withstand extreme temperatures and humidity, varying voltages from the car's electrical system, vibrations and engine noise.

READY FOR THE ROAD

The CA240 and the CA205 can be used with any in-dash unit, including models with built-in power amplifiers, and both the CA205 and the CA240 can be used in dual-amp systems for

independent control of front and rear faders.

Harman Kardon's dedication to sonic superiority now allows those who demand the highest quality audio in their homes to take it with them on the road. The CA205, CA240 and

the flagship CA260 amplifiers can be matched with the new Harman Kardon in-dash cassette deck/tuners for sound quality of such remarkable clarity and power, that, in contrast, all other car stereo systems are humbled.

SPECIFICATIONS	CA205	CA240
Power:	3.5 Watts per channel into 4 Ohms, 20-20,000Hz	40 Watts per channel into 4 Ohms, 20-20,000Hz 50 Watts per channel into 2 Ohms, 20-20,000Hz 100 Watts per channel bridged-mono into 4 Ohms, 20-20,000Hz
High instantaneous Current Capability (HCC):	± 5 Amps	± 25 Amps
THD:	No more than 0.2%/4 Ohms	No more than 0.1%/4 Ohms No more than 0.2%/2 Ohms
Negative Feedback:	25dB	25dB
Power Bandwidth:	10Hz-100kHz	10Hz-100kHz
Frequency Response:	10Hz-100kHz	10Hz-100kHz
Signal-to-Noise Ratio:	90dB	72dB
Input Sensitivity/Impedance:	0.25V/22k Ohms	0.25-3.0V/22k Ohms
Active Crossover Characteristics		
High Pass:	—	200Hz, 12dB/Octave
Low Pass:	—	200Hz, 12dB/Octave
Dimensions:	7 1/16" W x 1 1/2" H x 4 1/4" D 194mm W x 38mm H x 108mm D	12 7/16" W x 2 3/4" H x 8" D 316mm W x 70mm H x 203mm D
Weight:	1kg/2.2 lbs.	2.6kg/5.7 lbs.

All features and specifications subject to change without notice.

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240 Crossways Park West, Woodbury, NY 11797 For more information call 516-496-3400 toll-free 1-800-645-7292