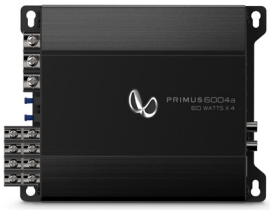
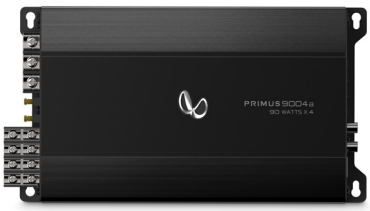
Primus Amplifiers

Technology, Performance, Design.

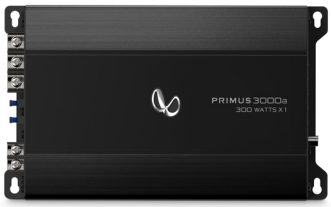
Infinity Primus 6002a



Infinity Primus 6004a



Infinity Primus 9004a



Infinity Primus 3000a

Engineered for the Ultimate Sound Experience.

Infinity Primus Amps are available in a variety of configurations, delivering the right power and number of channels for full-range and subwoofer applications. For more than four decades, Infinity has made the audio experience a lot more satisfying for the car audio enthusiast. With a broad array of loudspeakers, amplifiers and subwoofers available, you can drive with ease and exhilaration. These compact amps are equipped with all the important inputs and user controls including a bass EQ as well as LPF and HPF crossover controls for tailoring sound to suit the characteristics of different vehicles. The Primus Amps are easily installed and amazingly reliable – and once they turn on, they'll make a transducer sit up and sing.

Features

- Value Engineered
- Compact footprint
- Full On-Board Protection
- Reliability
- Input Sensitivity
- Switchable bass EQ
- Cool industrial design
- Crossover mode switch
- Crossover control gives user additional fine tuning

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Infinity Primus 6004a

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Infinity Primus 3000a

Value Engineered

Primus amplification provides true Infinity performance at an affordable price while now lacking the features needed to properly tune and optimize performance.

Compact footprint

With it becoming more and more difficult to find spacious locations for amplifier mounting, Primus has been developed in a small compact form factor to allow more location versatility.

Full On-Board Protection

Primus amplification has on-board circuitry to protect them from shorts, temperature, overvoltage and undervoltage. An LED indicator is included on all four models to let you know when one of these conditions exists.

Reliability

Infinity is one of the best selling car audio brands in the world. This is not a coincidence given the arduous testing and quality control. We take our craft seriously and want every consumer to have a world class experience that lasts and lasts.

Input Sensitivity

An input level control adjusts input sensitivity. When low level inputs are used, this control can adjust the input between 200mVrms and 6.0Vrms. When high level inputs are used, the control adjusts the input between 0.5Vrms and 15Vrms. This allows Primus amps to be connected to virtually any factory system or serve as the foundation for a trophy-winning aftermarket competition system.

Switchable bass EQ

This provides an available bass boost at 45Hz of 6dB or 12dB, serving as a great tool to optimize subwoofer and loudspeaker performance based on location and enclosure type.

Cool industrial design

Black with grooved center panel, polished badge, black painted end panels and bottom.

Crossover mode switch*

LPF crossover controls are switchable between 0dB to 12dB at 45Hz giving user ability to adjust the sound to the environment and/or application.

Crossover control gives user additional fine tuning*

Adjusts the crossover turnover frequency between 32Hz and 320Hz. (One knob for each stereo pair.)

*Not applicable for Infinity Primus 3000a

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What's in the Box

Amplifier
Spare Fuse (x2 for 1-channel and 4-channel model)
Quick start guide
High-level input cable (x2 for 4-channel model)

Technical Specifications:

Primus 6002a

Operating voltage	9 – 16V
Power Output	90W x 2@2ohms; 60W x 2@4ohms; 180W x 1 bridged power@4ohms
Total peak power	500W
Frequency response	20Hz – 20kHz @ -1dB
THD + N at rated power (20Hz – 20kHz)	<1%
Line-in signal-to-noise ratio (reference to 1 watt)	>75dB
Maximum high input signal level	12V
High input maximum sensitivity	0.5V
Maximum line input signal level	5V
Line input maximum sensitivity	0.2V
Quiescent current draw	<1.0A
Fuse size	20A
Dimensions (H x W x D)	95 x 230 x 190mm
Weight	1.16kg

Primus 6004a

Operating voltage	9 – 16V
Power Output	85W x 4@2ohms; 60W x 4@4ohms; 170W x 2 bridged power@4ohms
Total peak power	1000W
Frequency response	20Hz – 20kHz @ -1dB
THD + N at rated power (20Hz – 20kHz)	<1%
Line-in signal-to-noise ratio (reference to 1 watt)	>75dB
Maximum high input signal level	12V
High input maximum sensitivity	0.5V
Maximum line input signal level	5V
Line input maximum sensitivity	0.2V
Quiescent current draw	<1.2A
Fuse size	2 x 15A
Dimensions (H x W x D)	95 x 260 x 190mm
Weight	1.381kg

Primus 9004a

Operating voltage	9 – 16V
Power Output	110W x 4@2ohms; 90W x 4@4ohms; 220W x 2 bridged power@4 ohms
Total peak power	1200W
Frequency response	20Hz – 20kHz @ -1dB
THD + N at rated power (20Hz – 20kHz)	<1%
Line-in signal-to-noise ratio (reference to 1 watt)	>75dB
Maximum high input signal level	12V
High input maximum sensitivity	0.5V
Maximum line input signal level	5V
Line input maximum sensitivity	0.2V
Quiescent current draw	<1.5A
Fuse size	2 x 20A
Dimensions (H x W x D)	95 x 325 x 190mm
Weight	1.806kg

Primus 3000a

Operating voltage	9 – 16V
Power Output	300W x 1@2ohms; 180W x 1@4ohms
Total peak power	600W
Frequency response	10Hz – 320kHz @ -3dB
THD + N at rated power (20Hz – 20kHz)	<1%
Line-in signal-to-noise ratio (reference to 1 watt)	>75dB
Maximum high input signal level	12V
High input maximum sensitivity	0.5V
Maximum line input signal level	5V
Line input maximum sensitivity	0.2V
Quiescent current draw	<1.5A
Fuse size	2 x 15A
Dimensions (H x W x D)	95 x 313 x 190mm
Weight	1.609kg

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