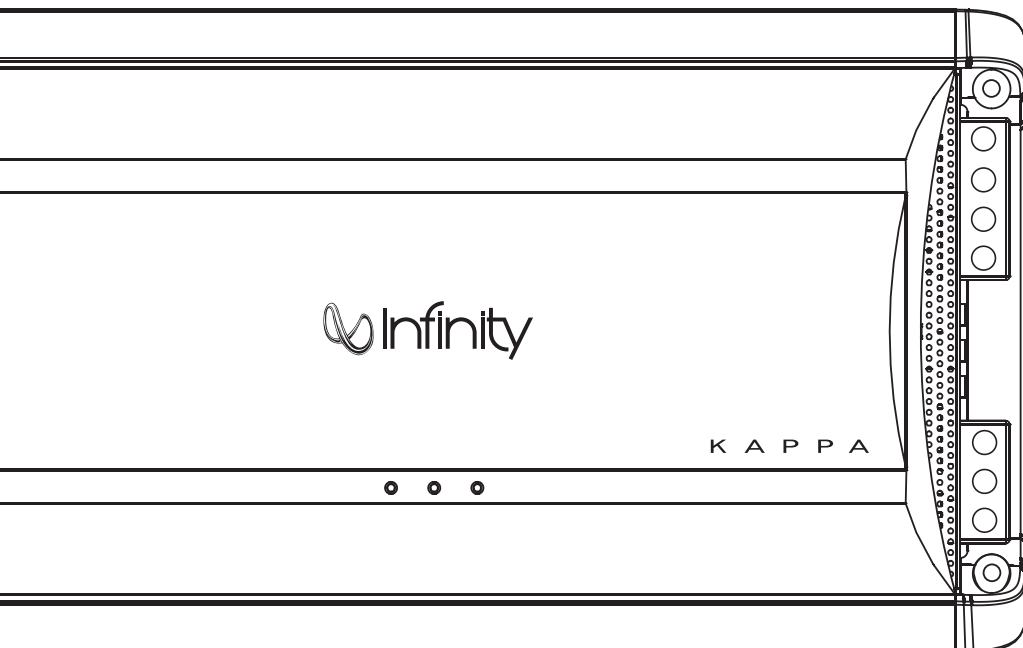
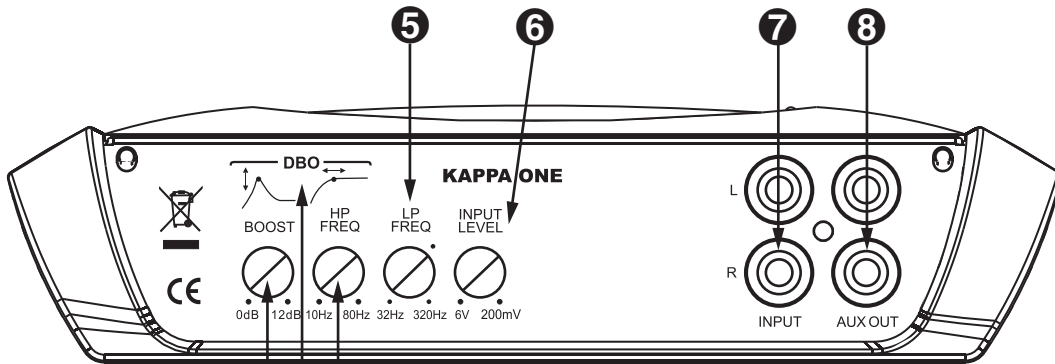
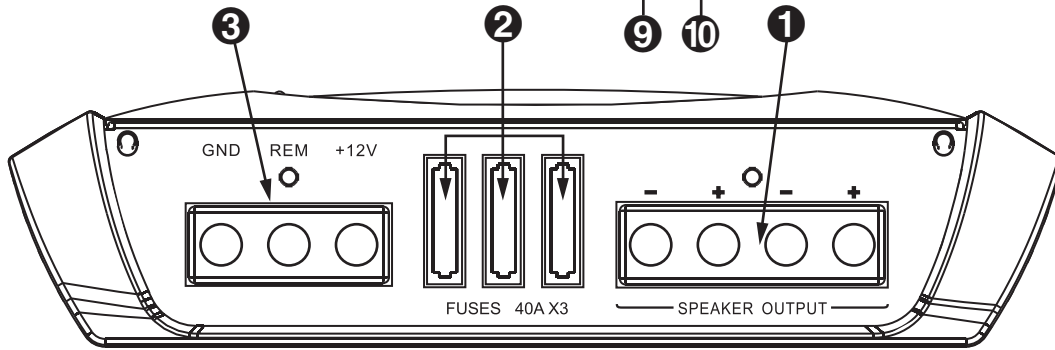
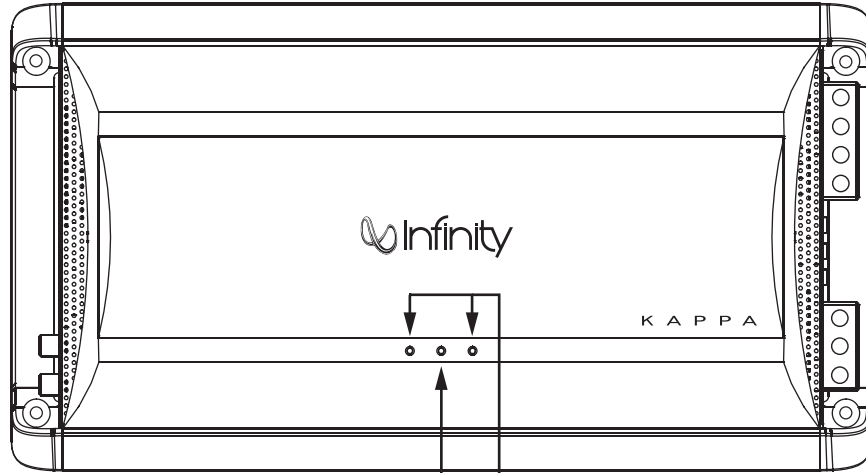
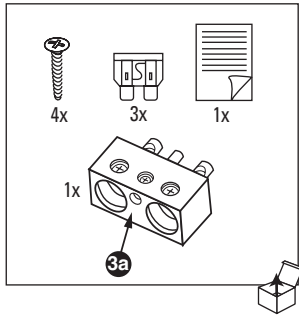


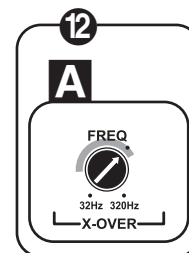
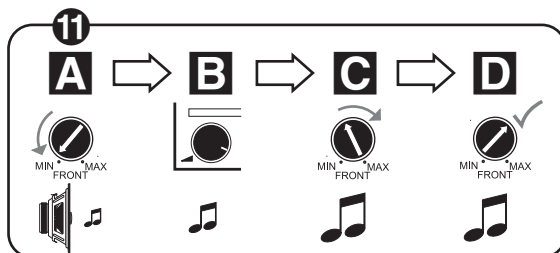
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A **B**



Installation Warnings and Tips

- Disconnect the negative (–) lead from your vehicle's battery.
- At the installation sites, locate and make a note of all fuel lines, hydraulic brake lines, vacuum lines and electrical wiring. Use extreme caution when cutting or drilling in and around these areas.
- Choose a safe mounting location away from moisture.
- Make sure there is sufficient air circulation at the mounting location for the amplifier to cool itself.
- Mount the amplifier, using the supplied hardware.

Specifications

- 500W RMS x 1 channel @ 4 ohms $\leq 1\%$ THD + N*
- 800W RMS x 1 channel @ 2 ohms $\leq 1\%$ THD + N*
- Total peak power: 1600W
- Frequency response: 20Hz–320Hz (–3dB)
- Maximum input signal: 6V*
- Maximum sensitivity: 200mV*
- THD + N: 0.05%
- Signal-to-noise ratio: 85dB (reference to 1 watt)*
- Signal-to-noise ratio: 109dB (reference to rated power)

* CEA-2006A-compliant

1 Speaker Output Connectors

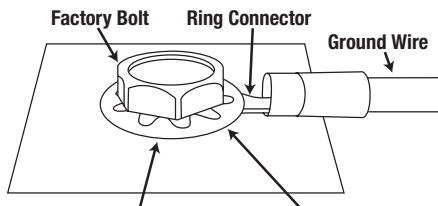
- Connect the speakers to these terminals, observing proper polarity. Gold screws indicate +, and silver screws indicate –.
- Minimum speaker impedance is 2 ohms.

2 Fuses

- Replace only with the same type and rating.

3 Power Input Connectors

- +12V: Connect to the positive terminal of the vehicle's battery. Install an appropriate fuse holder and fuse (120A minimum) within 18" (457mm) of the battery. Make sure the wire is not damaged or pinched during installation. Install protective grommets when routing wires through the firewall or other sheet metal.
- GND: Connect to the vehicle's chassis. Refer to the illustration below.

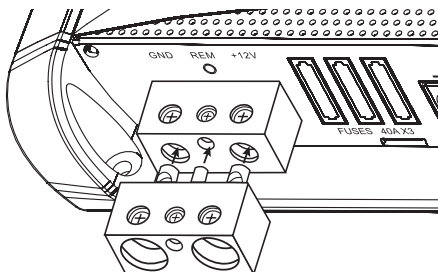


Note: Remove any paint below ring connector.

- REM: Connect to the "Remote Out" lead from the source unit or to a source of switched +12V (ACC).

3a 4 AWG Adapter

- For power wire longer than 4' (1.2m), 4 AWG wire is recommended. Use the adapter to make the connection according to the illustration below.



4 DBO: Variable Subsonic High-Pass Filter With Variable Boost (Q)

- For woofers in tuned (vented) enclosures, set the frequency control to a value 10Hz below the enclosure's resonance (tuned) frequency.
- For woofers in sealed boxes, set the control to any value you prefer between 30Hz and 50Hz.
- Set the Boost control according to your preference, being careful not to apply enough boost to damage your woofer(s).

A DBO Boost control provides up to 12dB of boost, slightly above the high-pass filter's frequency. See above for appropriate settings.

B DBO High-Pass Filter Frequency control, variable between 10Hz and 80Hz. See above for appropriate settings.

5 Crossover-Frequency Control

- 12dB/octave crossover, variable from 32Hz to 320Hz. See 12 for the adjustment procedure.

6 Input Level Control

- Used to match the input level of the amplifier to the output level of the source unit. See 11 for the adjustment procedure.

7 Input Connectors

- Connect to front outputs from the source unit or signal processor.

8 Aux Output Connectors

- Nonfiltered pass-through output. Connect to the input of an additional subwoofer amplifier.

9 Protect LED

- Illuminated under any of the following fault conditions: battery over/under voltage; short circuit in speaker wires; amplifier is too hot; amplifier's output circuit has failed (DC voltage present in the amplifier's output).

10 Power On LEDs

- Illuminated when the amplifier is on.

11 Setting Input Level

A Turn Input Level control counterclockwise to 6V.

B With a dynamic music track playing, turn the head unit's volume control to the 3/4 position.

C Turn Input Level control clockwise until the bass output is proportionate to the output of the high-frequency speakers, according to your preference.

D Input level is now adjusted correctly.

12 Setting the Crossover

A Crossover setting for subwoofers.

Note: Acceptable frequency ranges indicated in gray.

This product is designed for mobile applications and is not intended for connection to the mains.

A valid serial number is required for warranty coverage.

Features, specifications and appearance are subject to change without notice.

Declaration of Conformity



We, Harman Consumer Group, Inc.
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72500 Château du Loir
France

declare in own responsibility that the product described
in this owner's manual is in compliance with technical
standards:

EN 61000-6-3:2001
EN 61000-6-1:2001

Klaus Lebherz
Harman Consumer Group, Inc.
Château du Loir, France 9/08



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