

Thank you for purchasing Infinity Kappa 80f UniPlane Woofers. You've selected a premium product that features solid bass performance with high sensitivity and exceptional power handling. In addition, the unique speaker shape provides a wide range of installation applications due to the shallow mounting depth of less than an inch and half (e.g., midbass woofer in a door or an infinite-baffle woofer).

Before reading further, please verify that the package includes two Kappa 80f speakers, two passive equalizer networks, mounting hardware, and a warranty card.

**IMPORTANT: Installation of automotive stereo components can require extensive experience in dealing with a variety of mechanical and electrical procedures. Although these instructions explain how to install Kappa 80f speakers in a general sense, they do not show the exact installation methods for your particular vehicle. If you do not feel you have the experience, do not attempt the installation yourself, but instead ask your Authorized Infinity Car Audio Dealer about professional installation options.**

## PRECAUTIONS

- Turn off all audio systems and other electrical devices before you start. Disconnect the (-) negative lead from your vehicle's battery.
- Keep speakers in their package until final installation. When moving a speaker, always rest it with the cone or dome facing up. Never use force to install any speaker.
- At the installation sites, locate and make a note of all fuel lines, hydraulic brake lines, and electrical wiring. Use extreme caution when cutting or drilling in and around these areas.
- Check clearances on both sides of a planned mounting surface before drilling any holes or installing any screws. Remember that the screws can extend up to an inch behind the surface.
- Before drilling or cutting holes, use a utility knife to remove unwanted fabric or vinyl, to keep material from snagging in a drill bit or saw.
- Always wear protective eyewear when using any tools.

## INSTALLATION

**NOTE: For existing installations, remove the old speakers and grilles and start with step 3.**

1. Use the speaker to mark the locations of the mounting holes and circumference of baffle openings.
2. Drill an 1/8" pilot hole at each proposed baffle opening. Then drill four holes for mounting screws. Use a saber or hole saw to create a cutout for each baffle opening.
3. Slip a supplied metal mounting clip over each screw mounting hole. Route the speaker wires from the source unit (or amplifier) through each cutout. Connect a supplied passive equalizer network to the keyed terminals on each speaker (see Figure 1 on the back page).
4. Observing the color codes, attach the speaker wires to the red and black leads on each passive equalizer.

**NOTE: For best performance, use the supplied passive equalizer networks (in addition to an outboard electronic crossover) to achieve the most accurate reproduction.**

5. Position each speaker in its cutout, aligning the mounting holes to match the drilled holes. Push the wires and crossover/passive equalizer into the opening and carefully fasten each speaker to its site with the supplied screws.
6. Reconnect the (-) negative battery lead and turn on the audio system.

## SPECIFICATIONS

Power Handling (with crossover):	125 watts
Frequency Response:	40 ~ 700 Hz, $\pm$ 3 dB
Sensitivity (2.83 V @ 1 m):	90 dB
Mounting Depth:	1 <sup>5</sup> / <sub>16</sub> " (33 mm)

### DECLARATION OF CONFORMITY

CE

We, Infinity Systems  
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DK-3460 Birkerød  
DENMARK

declare in our responsibility, that this loudspeaker conforms to all the relevant standards in EMC Directive (89/336/EEC).

*E. J. C.*

Elias Michelsen  
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Birkerød, DENMARK, 2001