

**Thank you** for choosing the Kappa PerfectT. The PerfectT has been designed to provide smooth high-frequency reproduction, high power handling and ease of installation.

This manual includes information that will make your installation as simple and trouble-free as possible. Please read this manual thoroughly before you begin your installation. Don't forget to send in your warranty registration card, and keep your sales receipt somewhere safe in case you need warranty service.



perfectT

1" component tweeter  
instructions



## IMPORTANT

Installation of automotive stereo components can require extensive experience performing a variety of mechanical and electrical procedures. Although these instructions explain how to install a Kappa Perfect T component system in a general sense, they do not show the exact installation method for your particular car. If you feel you may not have the necessary tools or experience, ask your authorized Infinity car-audio dealer about professional installation options.

## WARNING

Playing loud music in an automobile can permanently damage your hearing as well as hinder your ability to hear traffic. We recommend listening at a low volume while driving. Infinity accepts no liability for hearing loss, bodily injury or property damage resulting from use or misuse of this product.

## A NOTE ABOUT CROSSOVER APPLICATION

Passive crossover design involves precise circuit design and component selection. A well-designed crossover circuit provides an electrical response intended to be combined with the electrical properties of the speaker to provide a particular acoustic response. The crossover included with the Perfect T has been optimized to provide flat response when used with the Perfect T. Do not use the Perfect T with a passive crossover intended for use with another tweeter, or connect more than one tweeter to the crossover provided with the Perfect T.

## SPEAKER PLACEMENT

Figures 1 & 2 show possible speaker placements in the order of more desirable to less desirable. Kick-panel mounting will provide the best staging and imaging in most vehicles.

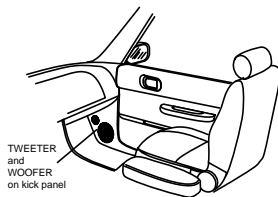


Figure 1. Mounting the woofer and tweeter in the kick panel

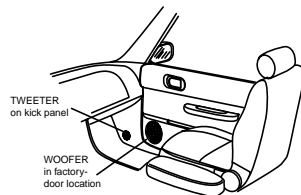


Figure 2. Mounting the woofer in the door and the tweeter in the kick panel

## TWEETER INSTALLATION

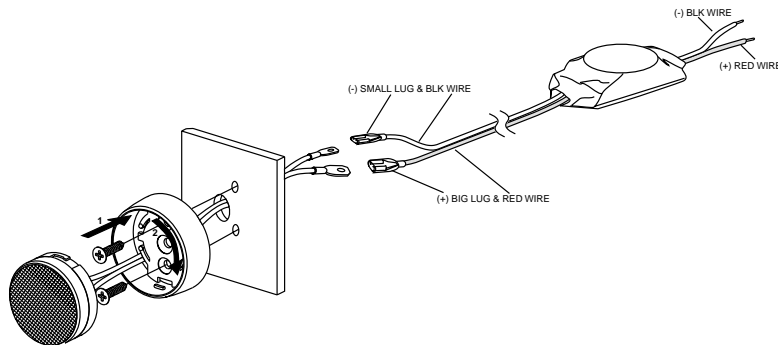


Figure 3. Mounting the tweeter in the doors

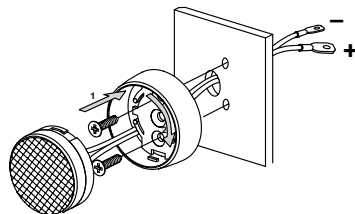


Figure 4. Surface-mounting the tweeter

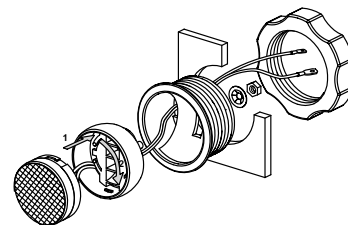


Figure 5. Flush-mounting the tweeter

## GENERAL CARE

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The loudspeaker grilles may be cleaned with a damp cloth. Do not use any cleaners or solvents on the grilles or the speaker cones.

## SPECIFICATIONS

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### System

Frequency response: 3.5kHz – 21kHz,  $\pm 3$ dB  
Power handling: 100W RMS, 400W Peak  
(with HPF provided)  
Nominal impedance: 4 Ohms  
Sensitivity: 90dB  
Crossover frequency: 3.5kHz

### Thiele and Small Parameters

Revc: 3.31 Ohms  
Levc: .02mH  
Sd: .0005M<sup>2</sup>  
Vas: .0016 liters  
Cms: 44  $\mu$ M/N  
Mms: .3064g  
Mmd: .3g  
Fs: 1370.65Hz  
Qms: 5.4  
Qes: 2.19  
Qts: 1.56  
Voice-coil diameter: 1" (25.4mm)  
Mounting depth: 1-3/16" (31mm)  
Cut-out diameter: 1-3/4" (45mm)



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**DECLARATION OF CONFORMITY**



We, Harman Consumer International  
2, route de Tours  
72500 Chateau-du-Lair  
France

declare in our responsibility, that the product described in this owner's manual is in compliance with technical standards:  
EN 50081-1:1992  
EN 50082-1:1992

A handwritten signature in black ink, appearing to read "Lutz Uphoff".

Lutz Uphoff  
Harman Consumer International  
France: 2/00